



SS07



SS03



SSO3AV

SS

SUBMERSIBLE SUMP PUMP



Bell & Gossett
a xylem brand

Wastewater

FEATURES

Corrosion-resistant construction

Stainless Steel motor casing and fasteners

Glass-filled thermoplastic impeller and casing

Upper and lower heavy duty ball bearing construction

Motor is permanently lubricated for extended service life and is powered for continuous operation. All ratings are within the working limits of the motor

Hard coated 400 series stainless steel shaft for improved corrosion resistance

Float switch is adjustable for various liquid levels. Easily removed for direct pump operation or switch replacement

Complete unit is lightweight, portable and easy to service

Available in manual and automatic versions. See next page for specific order numbers

A double labyrinth lip seal system protects the motor. It consists of three lip seals and a V-ring in addition to an impeller counterblade system which keeps solid particles away from the seal unit

APPLICATIONS

Specially designed for the following uses:

- Basement draining

- Water transfer
- Dewatering

SPECIFICATIONS

- Discharge size: 1 ½" NPT
- Capacities: to 57 GPM
- Maximum head: 34 feet TDH
- Maximum solids: ¾" spherical
- Temperature: 104° F (40° C) maximum liquid temperature
- Maximum pump submergence is 10 ft. for SS03; 16 ft. for SS07

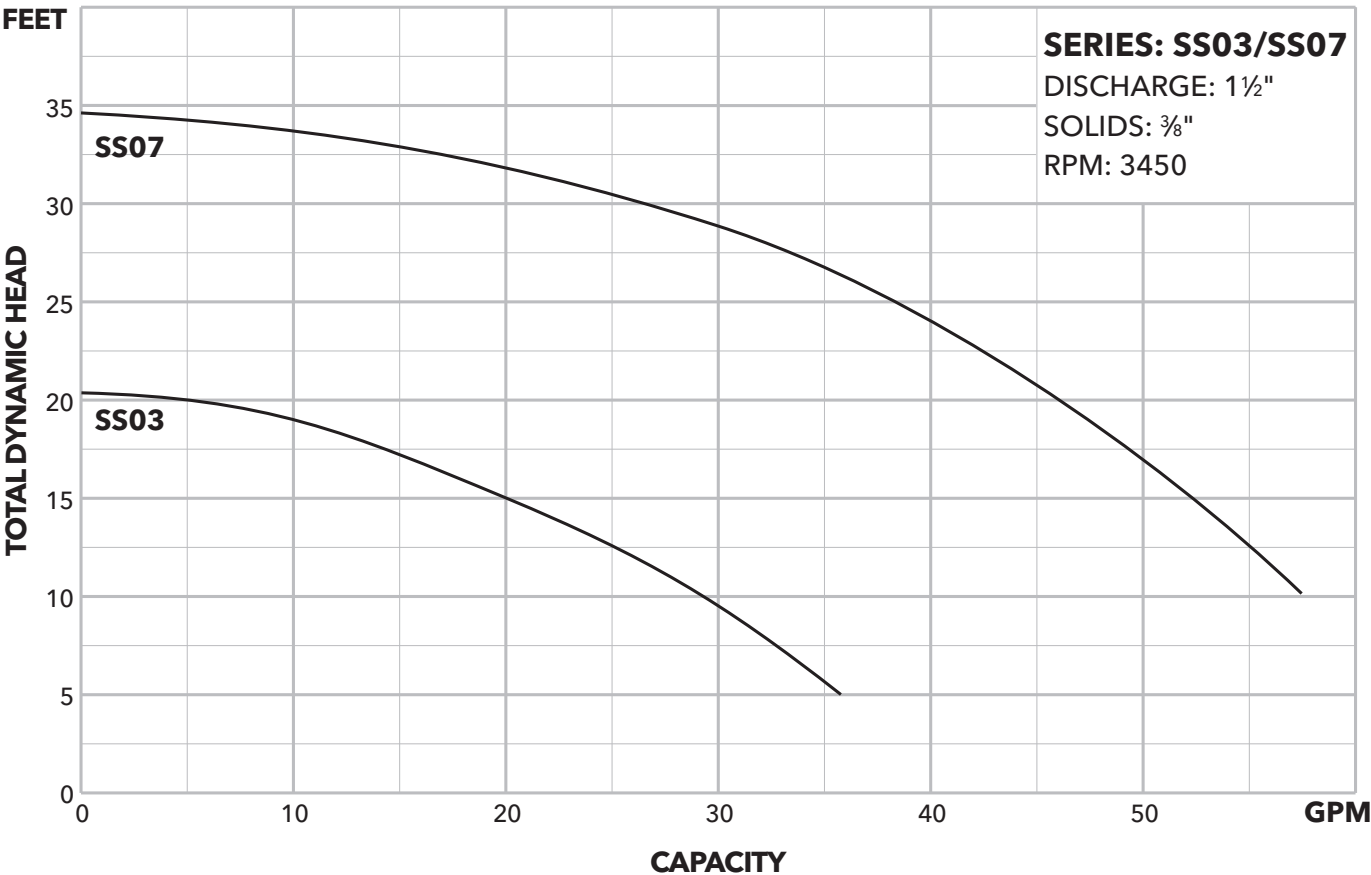
MOTOR

- Single phase, 3450 RPM, 60 Hz
 - SS0311, ½ HP, 115 V, 2.9 maximum amps
 - SS0711, ¾ HP, 115 V (7.1 amps)
 - SS0712, ¾ HP, 230 V (3.5 amps)
- Built-in thermal overload protection with automatic reset
- Permanent-split-capacitor type
- Class B insulation
- Stainless steel shaft
- Air filled design
- Power cord length: SS03; 10 feet standard, 20 feet optional, SS07; 20 feet

MODEL INFORMATION

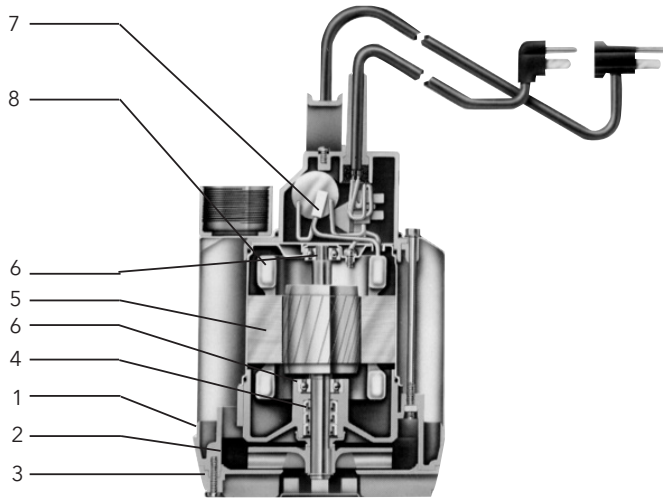
Order No.	HP	Volts	Amps	Minimum Circuit Breaker	Phase	Float Switch Style	Cord Length	Discharge Connection	Min. On Level	Min. Off Level	Minimum Basin Diameter	Maximum Solids Size	Shipping Weight lbs/kg
SS0311	½	115	2.9	10	1	Plug / No Switch	10'	1½"	Manual	Manual	9"	¾"	11 / 5
SS0311A						Built-In Wide Angle			11"	5"	12"		
SS0311AT						Piggyback Wide Angle			11"	5"	12"		
SS0311AV						Piggyback Vertical			8.5"	2"	12"		
SS0311F						Plug / No Switch	Manual		Manual	9"			
SS0311ATF	¾	230	3.5			Piggyback Wide Angle	20'		11"	5"	12"		15 / 6.8
SS0711F						Plug / No Switch			Manual	Manual	9"		
SS0711AF						Built-In Wide Angle			12.5"	6.5"	12"		
SS0711ATF						Piggyback Wide Angle			12.5"	6.5"	12"		
SS0712F						Plug / No Switch			Manual	Manual	9"		
SS0712AF	Built-In Wide Angle	12.5"	6.5"			12"							

PERFORMANCE CURVES



COMPONENTS

Item No.	Description
1	Casing
2	Impeller
3	Suction strainer
4	Shaft seal with cover
5	Motor
6	Ball Bearing
7	Capacitor
8	O-ring



PERFORMANCE RATINGS

SS03

Total Head (feet of water)	GPM	GPH
5	36	2,160
10	29	1,740
15	19	1,140
20	4	240

SS07

Total Head (feet of water)	GPM	GPH
10	57	3,420
15	52	3,120
20	46	2,760
25	38	2,280
30	27	1,620

AGENCY LISTINGS



Canadian Standards Association
File #LR114251

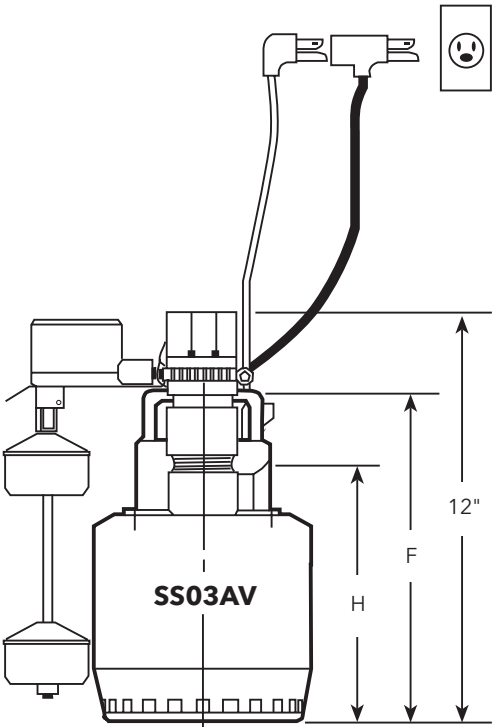
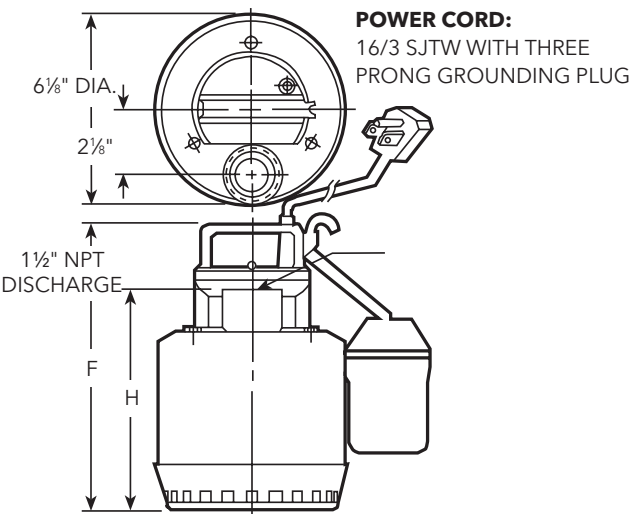


Underwriters Laboratories
File #83318

DIMENSIONS

(All dimensions are in inches and weights in lbs. Do not use for construction purposes.)

	F	H
SS03	9¾	7¾
SS07	11¼	9¾
SS03AV	9¾	7¾



TYPICAL SPECIFICATIONS

The contractor shall furnish and install quantity _____, Model SS _____ submersible sump pump(s) as illustrated on the plans and in accordance with the following specifications.

The submersible sump pump(s) shall be single-phase, 1/3 HP, 115V or 3/4 HP 115 or 230V. The power cord shall be 16/3 SJTW with a NEMA three prong grounding plug.

The air-filled, PSC motor shall have Class B insulation, automatic reset on-winding overload protection, a hard coated stainless steel shaft, upper and lower heavy duty ball bearings and be protected from water intrusion by a double labyrinth Viton lip seal. Maximum fluid temperature is 104° F (40° C) for continuous operation when pump is fully submerged. Maximum submergence is 10'.

Automatic models will be equipped with either a built-in wide angle, piggyback vertical or piggyback wide angle float switch. Manual models are also available.

Pumps shall be designed to pass 3/8" maximum spheres and are suitable for basement draining, water transfer, and dewatering.

Materials of Construction are stainless steel and glass-filled engineered thermoplastics.



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